CLAIMS

1. An information provision device that is configured to connect to a user terminal of a user via a network and to provide information for improving a blood glucose level of the user, the device comprising:

a first learning device that has been trained to receive blood glucose level information about a blood glucose level of the user during a prescribed period, meal information about a meal taken by the user during the prescribed period, action information about an action performed by the user during the prescribed period, and intestinal flora information about the user and to output recommendation information including at least one of a meal and improving agent for improving the blood glucose level of the user;

an information acquisition unit configured to receive input information input to the first learning device; and

a transmission unit configured to transmit the recommendation information output from the first learning device to the user terminal.

2. The information provision device according to claim 1, wherein the first learning device is further trained to output the recommendation information including an action for improving a blood glucose level.

3. The information provision device according to claim 1 or 2, wherein the first learning device is further trained to receive physical information about the user.

4. The information provision device according to any one of claims 1 to 3, further comprising a shipping instruction unit configured to instruct the user to ship the improving agent.

5. The information provision device according to any one of claims 1 to 4, further comprising a correction unit configured to correct an output result from the first learning device and to output the recommendation information.

6. The information provision device according to any one of claims 1 to 5, further comprising

a second learning device that has been trained to receive physical information about the user, past blood glucose level information about a blood glucose level of the user measured before the prescribed period, and the meal information and to output the blood glucose level information,

wherein the information acquisition unit is configured to receive the blood glucose level information output from the second learning device.

7. An information provision system, comprising:

the information provision device according to any one of claims 1 to 6; and

at least the one user terminal.

8. An information provision method for providing information for improving a blood glucose level of a user in an information provision device connected to a user terminal of the user via a network, the method comprising:

receiving information to be input to a first learning device that has been trained to receive blood glucose level information about a blood glucose level of the user during a prescribed period, meal information about a meal taken by the user during the prescribed period, action information about an action performed by the user during the prescribed period, and intestinal flora information about the user and to output recommendation information including at least one of a meal and improving agent for improving the blood glucose level of the user;

outputting the recommendation information from the first learning device; and

transmitting the recommendation information to the user terminal.

9. An information provision program for providing information for improving a blood glucose level of a user in an information provision device connected to a user terminal of the user via a network, the program comprising:

causing a computer of the information provision device to receive information to be input to a first learning device that has been trained to receive blood glucose level information about a blood glucose level of the user during a prescribed period, meal information about a meal taken by the user during the prescribed period, action information about an action performed by the user during the prescribed period, and intestinal flora information about the user and to output recommendation information including at least one of a meal and improving agent for improving the blood glucose level of the user;

causing the computer to output the recommendation information from the first learning device; and

causing the computer to transmit the recommendation information to the user

terminal.